

07/11/01
U.S. PTO

07-12-01

A

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages
(preferred arrangement set forth below)
Descriptive title of the Invention
Cross References to Related Applications
Statement Regarding Fed sponsored R & D
Reference to sequence listing, a table, or a computer program listing appendix
Background of the Invention
Brief Summary of the Invention
Brief Description of the Drawings (if filed)
Detailed Description
Claim(s)
Abstract of the Disclosure
4. Drawing(s) (35 USC 113) [Total Sheets
9]
[2]
5. Oath or Declaration [Total Pages
 Newly executed (original or copy)
 Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Applicant Data Sheet. See 37 CFR 1.76

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Prior application information:

Examiner _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under B 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number of Bar Code Label	 26753 PATENT TRADEMARK OFFICE	<input type="checkbox"/> Correspondence address below	
Name	Joseph D. Kuborn, Reg. No. 40,689		
Address	ANDRUS, SCEALES, STARKE & SAWALL, LLP Suite 1100, 100 East Wisconsin Avenue		
City	Milwaukee	State	WI
Country	USA	Telephone	(414) 271-7590
Zip Code	53202		
Fax	(414) 271-5770		

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as EXPRESS MAIL - POST OFFICE TO ADDRESSEE, in an envelope addressed to Commissioner For Patents, Washington, DC 20231 this 11th day of July, 2001.

Name (Print or Type)	Veronica K. Haupt	Registration No. (Attorney/Agent)	
Signature	Veronica K. Haupt		Date 7-11-01

07/11/01

PTO/SB/17 (10/97)		COMPLETE IF KNOWN																																																																																																																																																						
		Application Number																																																																																																																																																						
		Filing Date																																																																																																																																																						
		First Named Inventor		William P. Tanguay																																																																																																																																																				
		Group Art Unit																																																																																																																																																						
		Examiner Name																																																																																																																																																						
Total Amount of Payment \$710.00		Attorney Docket Number 99545 (4254-15)																																																																																																																																																						
METHOD OF PAYMENT (check one)																																																																																																																																																								
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 01.2000																																																																																																																																																								
2. Additional Fees Large Entity Small Entity																																																																																																																																																								
<table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge-late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge-late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for response within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200 Extension for response within second month</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475 Extension for response within third month</td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755 Extension for response within fourth month</td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030 Extension for response within fifth month</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155 Notice of appeal</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155 Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135 Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive unavoidably abandoned application</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660 Petition to revive unintentionally abandoned application</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660 Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225 Design issue fee</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335 Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Petitions related to provisional applications</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240 Submission of Information Disclosure Statement</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395 Filing a submission after final rejection (37 CFR 1.129(a))</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395 For each additional invention to be examined (37 CFR 1.129(b))</td></tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="2">SUBTOTAL (1) \$710.00</td> <td colspan="2">SUBTOTAL (3) (\$0.00)</td> <td colspan="2">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="2">SUBMITTED BY</td> <td colspan="4">COMPLETE (if applicable)</td> </tr> <tr> <td>Type or Printed name</td> <td colspan="3">Joseph D. Kuborn Andrus, Sceales, Starke & Sawall, LLP</td> <td>Registration Number</td> <td>40,689</td> </tr> <tr> <td>Signature</td> <td colspan="3"><i>Joseph D. Kuborn</i></td> <td>Date</td> <td>07/11/01</td> </tr> <tr> <td>Deposit Account User ID</td> <td colspan="2"></td> </tr> </tbody></table>						Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge-late filing fee or oath	127	50	227	25 Surcharge-late provisional filing fee or cover sheet	139	130	139	130 Non-English specification	147	2,520	147	2,520 For filing a request for reexamination	112	920*	112	920* Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	115	110	215	55 Extension for response within first month	116	400	216	200 Extension for response within second month	117	950	217	475 Extension for response within third month	118	1,510	218	755 Extension for response within fourth month	128	2,060	228	1,030 Extension for response within fifth month	119	310	219	155 Notice of appeal	120	310	220	155 Filing a brief in support of an appeal	121	270	221	135 Request for oral hearing	138	1,510	138	1,510 Petition to institute a public use proceeding	140	110	240	55 Petition to revive unavoidably abandoned application	141	1,320	241	660 Petition to revive unintentionally abandoned application	142	1,320	242	660 Utility issue fee (or reissue)	143	450	243	225 Design issue fee	144	670	244	335 Plant issue fee	122	130	122	130 Petitions to the Commissioner	123	50	123	50 Petitions related to provisional applications	126	240	126	240 Submission of Information Disclosure Statement	581	40	581	40 Recording each patent assignment per property (times number of properties)	146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))	149	790	249	395 For each additional invention to be examined (37 CFR 1.129(b))	Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (1) \$710.00		SUBTOTAL (3) (\$0.00)		*Reduced by Basic Filing Fee Paid		SUBMITTED BY		COMPLETE (if applicable)				Type or Printed name	Joseph D. Kuborn Andrus, Sceales, Starke & Sawall, LLP			Registration Number	40,689	Signature	<i>Joseph D. Kuborn</i>			Date	07/11/01	Deposit Account User ID		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																					
105	130	205	65 Surcharge-late filing fee or oath																																																																																																																																																					
127	50	227	25 Surcharge-late provisional filing fee or cover sheet																																																																																																																																																					
139	130	139	130 Non-English specification																																																																																																																																																					
147	2,520	147	2,520 For filing a request for reexamination																																																																																																																																																					
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																																					
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																																					
115	110	215	55 Extension for response within first month																																																																																																																																																					
116	400	216	200 Extension for response within second month																																																																																																																																																					
117	950	217	475 Extension for response within third month																																																																																																																																																					
118	1,510	218	755 Extension for response within fourth month																																																																																																																																																					
128	2,060	228	1,030 Extension for response within fifth month																																																																																																																																																					
119	310	219	155 Notice of appeal																																																																																																																																																					
120	310	220	155 Filing a brief in support of an appeal																																																																																																																																																					
121	270	221	135 Request for oral hearing																																																																																																																																																					
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																																																					
140	110	240	55 Petition to revive unavoidably abandoned application																																																																																																																																																					
141	1,320	241	660 Petition to revive unintentionally abandoned application																																																																																																																																																					
142	1,320	242	660 Utility issue fee (or reissue)																																																																																																																																																					
143	450	243	225 Design issue fee																																																																																																																																																					
144	670	244	335 Plant issue fee																																																																																																																																																					
122	130	122	130 Petitions to the Commissioner																																																																																																																																																					
123	50	123	50 Petitions related to provisional applications																																																																																																																																																					
126	240	126	240 Submission of Information Disclosure Statement																																																																																																																																																					
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																																																					
146	790	246	395 Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																					
149	790	249	395 For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																					
Other fee (specify) _____																																																																																																																																																								
Other fee (specify) _____																																																																																																																																																								
SUBTOTAL (1) \$710.00		SUBTOTAL (3) (\$0.00)		*Reduced by Basic Filing Fee Paid																																																																																																																																																				
SUBMITTED BY		COMPLETE (if applicable)																																																																																																																																																						
Type or Printed name	Joseph D. Kuborn Andrus, Sceales, Starke & Sawall, LLP			Registration Number	40,689																																																																																																																																																			
Signature	<i>Joseph D. Kuborn</i>			Date	07/11/01																																																																																																																																																			
Deposit Account User ID																																																																																																																																																								